

Converting Colors

Hex(556485)

Have a look what the booklet for
Hex(556485) contains.

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Color

Hex(556485)

Conversions

Conversions Part 1

Format	Color
Hex	556485
RGB	85, 100, 133
RGB Percent	33%, 39%, 52%
CMY	0.6667, 0.6078, 0.4784
CMYK	0.36, 0.25, 0.00, 0.48
HSL	221°, 22%, 43%
HSV	221°, 36%, 52%
XYZ	12.5371, 12.7391, 23.9884
YIQ	99.2770, -19.5330, 7.0830

Conversions

Conversions Part 2

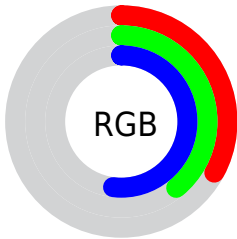
Format	Color
RYB	85, 96, 133
Decimal	5596293
CIELab	42.37, 2.94, -20.16
CIElCh	42, 20.373, 278.288
Yxy	12.7391, 0.2545, 0.2586
Android (android.graphics.Color)	4283786373 (0xFF556485)
YUV	99.2770, 16.6254, -12.5209
Hunter-Lab	35.6919, 0.2391, -14.8644

Details

The Hex color **556485** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **857655**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **8897BA**, and **253653** is the 20% darker color. If you saturate the color by 10%, you get **485B85**, and if you desaturate by 10%, it is **626D85**.

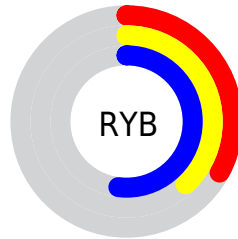
Distribution



Red (33%)

Green (39%)

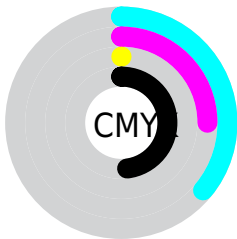
Blue (52%)



Red (33%)

Yellow (38%)

Blue (52%)

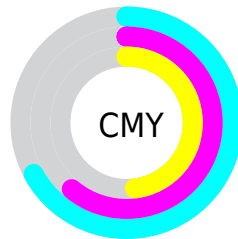


Cyan (36%)

Magenta (25%)

Yellow (0%)

Black (48%)



Cyan (67%)

Magenta (61%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Hex color 556485 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 556485 by changing the saturation by 10% instead.

■ 556485

■ 556485

FFFFFF

■ 3D4C6C

■ 8897BA

■ 253653

■ A3B1D6

■ 0C213C

■ BECDF2

■ 000926

■ DAE9FF

■ 000110

■ F7FFFF

■ 000000

■ 556485

■ 556485

■ 485B85

■ 626D85

■ 3A5285

■ 707685

■ 2D4985

■ 7D7F85

■ 203F85

■ 8A8985

■ 123685

■ 989285

■ 052D85

■ A59B85

■ 002A85

■ B2A485

■ BFAD85

■ CDB685

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



3D6983



556485



6C5E7E

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



556485



845A50



456C57

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



556485



857655

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



596949



556485



7A5F45

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



556485



855760



6B6443



346D68

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



556485



795B76



6B6443



4C6B52

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



556485



9AA0AD



558576



4B4F57



D6D6D6



575757

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



556485



637AAD



5E5585



3C3E42



002982



000103

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



855564



AD637A



7C8555



423C3E



820029



030001

Previews

White Background



This preview shows how the Hex color 556485 looks on a white background.

Color Contrast Check

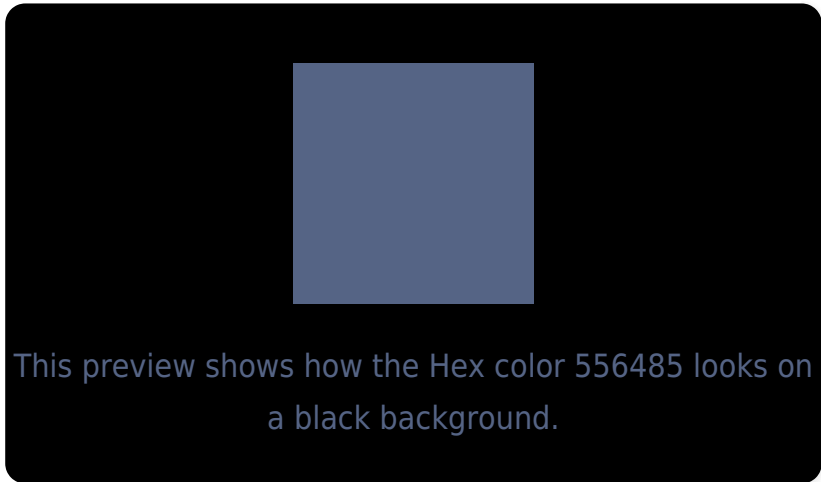
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

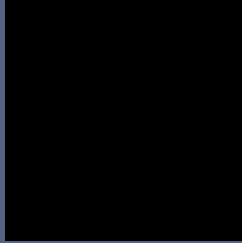
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

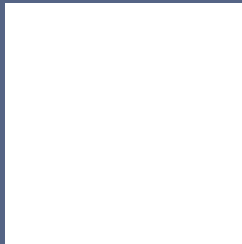
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 556485 Background



This preview shows how black text looks on a background with the Hex color 556485.

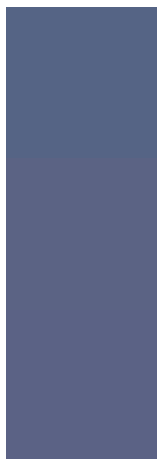


This preview shows how white text looks on a background with the Hex color 556485.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color
556485

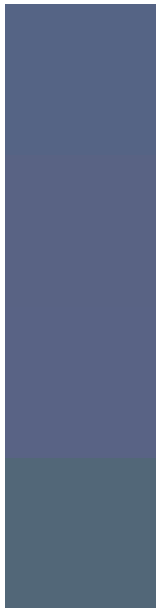
Protanopia
5B6384

Deuteranopia
5B6285



Tritanopia
506870

Trichromacy



Original Color
556485

Protanomaly
596384

Deuteranomaly
596385

Tritanomaly
526778

Monochromacy



Original Color
556485

Achromatopsia
636363

Achromatomaly
5E636F

CSS Examples

Text

The CSS property to change the color of the text to Hex 556485 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #556485 looks like.

```
.text, #text, p{  
    color:#556485  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #556485 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #556485
}
```

Border

The CSS property to change the border of an element to Hex 556485 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#556485 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#556485 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #556485 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #556485; -webkit-box-shadow:4px 4px  
4px 4px #556485; box-shadow:4px 4px 4px  
4px #556485 }
```

Background

The CSS property to change the background color of an element to Hex 556485 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#556485 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#556485 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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